

## Oxford Polymers Oxnilon 66-ST-14GF 14% Glass Fiber Reinforced, Impact Modified Nylon 66 for Injection Molding

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66 , 10% Glass Fiber Filled

### Material Notes:

14% Glass Fiber Reinforced, Impact Modified Nylon 66 for Injection Molding Information provided by Oxford Polymers.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Oxford-Polymers-Oxnilon-66-ST-14GF-14-Glass-Fiber-Reinforced-Impact-Modified-Nylon-66-for-Injection-Molding.php](http://www.lookpolymers.com/polymer_Oxford-Polymers-Oxnilon-66-ST-14GF-14-Glass-Fiber-Reinforced-Impact-Modified-Nylon-66-for-Injection-Molding.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.19 g/cc	1.19 g/cc	ASTM D792
Filler Content	14 %	14 %	
Linear Mold Shrinkage	0.0060 cm/cm	0.0060 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	58.6 MPa	8500 psi	ASTM D638
Elongation at Break	12 %	12 %	ASTM D638
Flexural Modulus	2.34 GPa	340 ksi	ASTM D790
Izod Impact, Notched	2.14 J/cm @Temperature 23.0 °C	4.00 ft-lb/in @Temperature 73.4 °F	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	262 °C	503 °F	
Deflection Temperature at 1.8 MPa (264 psi)	219 °C	426 °F	ASTM D648

Processing Properties	Metric	English	Comments
Processing Temperature	288 - 299 °C	550 - 570 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

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